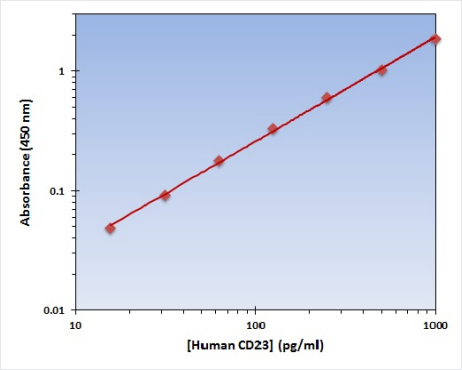
CD23 ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	CD23, ELISA Kit
Full Product Name	CD23 (Human) OmniKine ELISA Kit
Product Gene Name	CD23 elisa kit
Product Synonym Gene Name	FCER2
Product Synonym Names	Low affinity immunoglobulin epsilon Fc receptor; BLAST-2; C-type lectin domain family 4 member J; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; CD23A; CLEC4J; FCE2; IGEBFCD23A; CLEC4J; FCE2; IGEBF
Species Reactivity	Human
Assay Type	Sandwich ELISA
Samples	Plasma, serum, lysate
Detection Range	16-1000 pg/ml
Sensitivity	16-1000 pg/ml
Form/Format	12 x 8-Well Microstrips
Specificity	The OmniKine Human CD23 ELISA is capable of recognizing both recombinant and naturally produced Human CD23 proteins. The antigens listed below were tested at 50 ng/ml and did not exhibit significant cross-reactivity or interference. Human: DC-SIGN, FC-SIGNR Murine: SIGNR1
Preparation and Storage	Store entire kit at 4 degree C until use.
Molecular Weight	36,469 Da
OMIM	M15059 mRNA
3D Structure	ModBase 3D Structure for P06734
Detection Method	Colorimetric 450 nm
Subtype	None
Related Product Information for CD23 elisa kit	MBS9502034 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the CD23, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CD23. The ELISA analytical biochemical technique of the MBS9502034 kit is based on CD23 antibody-CD23 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CD23 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CD23. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CD23 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Testing Data of CD23 elisa kit
The OmniKine Human CD23 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD23 proteins within the range of 16-1000 pg/ml.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD23. It may not necessarily be applicable to this product.

NCBI GI #	334085205
NCBI GeneID	2208
NCBI Accession #	NP_001193948.2
UniProt Primary Accession #	P06734
UniProt Related Accession #	P06734
GenBank Nucleotide #	NM_001207019.2
NCBI Official Full Name	low affinity immunoglobulin epsilon Fc receptor isoform b
NCBI Official Synonym Full Names	Fc fragment of IgE receptor II
NCBI Official Symbol	FCER2
NCBI Official Synonym Symbols	CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Synonym Protein Names	BLAST-2; C-type lectin domain family 4 member J; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; CD_antigen: CD23
Protein Family	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	FCER2
UniProt Synonym Gene Names	CD23A; CLEC4J; FCE2; IGEBF
NCBI Protein Information	low affinity immunoglobulin epsilon Fc receptor
NCBI Summary for CD23	The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
UniProt Comments for CD23	Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).
Research Articles on CD23	**1.** High CD23 expression is associated with B-cell Lymphoma.

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